

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("6137230").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/31 17:46
L2	1	1 and (iodide iodine I)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/31 16:32
L3	0	1 and (iodine I)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/31 16:42
L4	1	("4941743").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/31 16:42
L5	27	(US-20030168980-\$ or US-20060132043-\$ or US-20050253528-\$ or US-20030209986-\$ or US-20020180359-\$ or US-20010030506-\$ or US-20030141818-\$ or US-20020011215-\$ or US-20030143499-\$ or US-20020185961-\$ or US-20020106593-\$ or US-20030117074-\$).did. or (US-6734630-\$ or US-6392346-\$ or US-6563255-\$ or US-6404132-\$ or US-6404122-\$ or US-5744902-\$ or US-6069456-\$ or US-5990624-\$ or US-3909736-\$ or US-4941743-\$ or US-4935933-\$ or US-4453939-\$ or US-6031332-\$).did. or (WO-9905699-\$ or EP-883160-\$). did.	US-PGPUB; USPAT; EPO	OR	ON	2006/08/31 17:08
L6	448	5 and (calcium near3 iodide) ("CaI. sub.2")	US-PGPUB; USPAT; EPO	OR	ON	2006/08/31 17:09
L7	3	5 and ((calcium near3 iodide) ("CaI. sub.2"))	US-PGPUB; USPAT; EPO	OR	ON	2006/08/31 17:38
L8	411	(313/637).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/31 17:46
S1	1	("4027190").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/30 15:25
S2	8	("3882345"   "4001626").PN. OR ("4027190").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 15:13

## EAST Search History

S3	8425	(bulb arc tube lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel) and (zn zinc) with only	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 15:30
S4	273	(bulb arc tube lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel) and (zn zinc) with only and "313"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 15:31
S5	35	(bulb arc tube lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel) and (zn zinc) with only and (rare near3 gas) and "313"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 15:33
S6	67	(bulb arc tube lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel) and (zn zinc) and (mercury near3 free) and (rare near3 gas) and "313"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 15:40
S7	0	("2002027421").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/30 15:35
S8	1	("20020027421").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/30 15:35
S9	3	(bulb arc tube lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel) same (rf radio\$1frequenc\$4 micro\$1wave microwave radiofrequenc\$4) and (zn zinc) and (mercury near3 free) and (rare near3 gas)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 15:44
S10	15	(bulb arc tube lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel) same (rf radio\$1frequenc\$4 micro\$1wave microwave radiofrequenc\$4) and (zn zinc) and (mercury near3 free)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 18:15
S11	5334	(bulb arc tube lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel) same (rf radio\$1frequenc\$4 micro\$1wave microwave radiofrequenc\$4) and (zn zinc)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 15:58

## EAST Search History

S12	2758	(bulb arc tube lamp arc tube (arc near tube) discharge lamp envelop vessel) same (rf radio frequency micro wave microwave radio frequency) and (zn zinc) and (electrodeless electrodeless sulfur induct (ferr near core) magnet)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 16:00
S13	1131	(bulb arc tube lamp arc tube (arc near tube) discharge lamp envelop vessel) same (rf radio frequency micro wave microwave radio frequency) same (electrodeless electrodeless sulfur induct (ferr near core) magnet) and (zn zinc)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 16:03
S14	16	(bulb arc tube lamp arc tube (arc near tube) discharge lamp envelop vessel).ab. same (rf radio frequency micro wave microwave radio frequency) same (electrodeless electrodeless sulfur induct (ferr near core) magnet) and (zn zinc)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 18:16
S15	9	(bulb arc tube lamp arc tube (arc near tube) discharge lamp envelop vessel).ab. same (rf radio frequency micro wave microwave radio frequency) same (electrodeless electrodeless) and (zn zinc)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 18:01
S16	1	09/715261	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 18:01
S17	13	("3867665"   "3989972"   "4027190"   "4591759"   "5117312"   "5363015"   "5682080"   "5834895"   "6313587"   "6469444"   "6633111").PN. OR ("6734630").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 18:07
S18	3	S17 and (zn zinc)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 18:07

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S19	177	(bulb arc tube lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel) and (rf radio\$1frequenc\$4 micro\$1wave microwave radiofrequenc\$4) and (electrode\$less electrodeless sulfur induct\$4 (ferr\$5 near core) magnet\$6) and (zn zinc) and (mercury hg) near3 (free no less)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 18:19
S20	0	(bulb arc tube lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel) and (rf radio\$1frequenc\$4 micro\$1wave microwave radiofrequenc\$4) and (electrode\$less electrodeless sulfur induct\$4 (ferr\$5 near core) magnet\$6) and (zn zinc) and (mercury hg) near3 (free no less)	EPO; JPO; DERWENT	OR	ON	2006/08/30 18:17
S21	15	(bulb arc tube lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel) and (rf radio\$1frequenc\$4 micro\$1wave microwave radiofrequenc\$4) and (electrode\$less electrodeless sulfur induct\$4 (ferr\$5 near core) magnet\$6) and (zn zinc) and (mercury hg) near3 (free)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 18:22
S22	7711	(bulb arc tube lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel) and (rf radio\$1frequenc\$4 micro\$1wave microwave radiofrequenc\$4) and (electrode\$less electrodeless sulfur induct\$4 (ferr\$5 near core) magnet\$6) and (zn zinc) not (mercury Hg)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 18:22
S23	35	(bulb arc tube lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel) and (rf radio\$1frequenc\$4 micro\$1wave microwave radiofrequenc\$4) and (electrode\$less electrodeless) and (zn zinc) not (mercury Hg)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 18:57
S24	10	("3230422"   "3353115"   "3600702").PN. OR ("3909736").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 18:37
S25	0	"199905699"	EPO; JPO; DERWENT	OR	ON	2006/08/30 18:37
S26	0	"1999/05699"	EPO; JPO; DERWENT	OR	ON	2006/08/30 18:38

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S27	0	"99/05699"	EPO; JPO; DERWENT	OR	ON	2006/08/30 18:37
S28	5	"9905699"	EPO; JPO; DERWENT	OR	ON	2006/08/30 18:40
S29	0	"1999/05699"	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 18:38
S30	2	"99/05699"	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 18:39
S31	0	"9905699"	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 18:39
S32	0	"2009905699"	EPO; JPO; DERWENT	OR	ON	2006/08/30 18:40
S33	0	"20009905699"	EPO; JPO; DERWENT	OR	ON	2006/08/30 18:40
S34	0	"2000/9905699"	EPO; JPO; DERWENT	OR	ON	2006/08/30 18:41
S35	0	"2000/9905699"	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 18:41
S36	0	"20009905699"	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 18:41
S37	0	2000/9905699	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 18:41
S38	0	2000/9905699	EPO; JPO; DERWENT	OR	ON	2006/08/30 18:44
S39	1	("6137230").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/30 18:44
S40	392	(bulb arc tube lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel) and (electrode\$less electrodeless) and (zn zinc) not (mercury near3 free)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 18:58
S41	105	(bulb arc tube lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel).ab. and (electrode\$less electrodeless) and (zn zinc) not (mercury near3 free)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 19:00

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S42	13	(bulb arc tube lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel).ab. and (electrode\$less electrodeless) and (zn zinc) and (mercury near3 free)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 19:00
S43	15	(bulb arc tube lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel) and (electrode\$less electrodeless) and (zn zinc) and (mercury near3 free)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 19:19
S44	0	"0883160"	EPO	OR	ON	2006/08/30 19:02
S45	0	"10883160"	EPO	OR	ON	2006/08/30 19:02
S46	1	"883160"	EPO	OR	ON	2006/08/30 19:02
S47	86	(bulb arc tube lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel) and (electrode\$less electrodeless) and (zn zinc) not (mercury hg)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 19:19
S48	15	(bulb arc tube lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel).ab. and (electrode\$less electrodeless) and (zn zinc) not (mercury hg)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 19:35
S49	71	S47 not S48	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 19:35
S50	19	(US-20050253528-\$ or US-20030209986-\$ or US-20030168980-\$ or US-20010030506-\$ or US-20020180359-\$ or US-20060132043-\$).did. or (US-6734630-\$ or US-6404122-\$ or US-6404132-\$ or US-6392346-\$ or US-6069456-\$ or US-4935933-\$ or US-5990624-\$ or US-3909736-\$ or US-6563255-\$ or US-5744902-\$ or US-4941743-\$).did. or (WO-9905699-\$ or EP-883160-\$). did.	US-PGPUB; USPAT; EPO	OR	ON	2006/08/31 09:52
S51	13	S50 and (electrode\$1less electrodeless)	US-PGPUB; USPAT; EPO	OR	ON	2006/08/31 09:52
S52	1	S50 and (electrode\$1less electrodeless) and (EDL)	US-PGPUB; USPAT; EPO	OR	ON	2006/08/31 09:52

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S53	9835	(bulb arc tube lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel) and filling same (calcium ca)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/31 09:54
S54	6	(bulb arc tube lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel) and filling same (calcium ca) and (zinc zn) and (mercury near3 free)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/31 09:55
S55	204	(bulb arc tube lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel) and (calcium ca) and (zinc zn) and (mercury near3 free)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/31 09:57
S56	39	(bulb arc tube lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel) and (calcium ca) and (zinc zn) not (mercury hg) and (electrode\$1less electrodless EDL. u/c)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/31 10:01
S57	22	(bulb arc tube lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel) and (calcium ca) with (halide bromide iodide chloride fluoride) not (mercury hg) and (electrode\$1less electrodless EDL. u/c)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/31 10:04
S58	19728	(bulb arc tube lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel) and (calcium ca) with (halide bromide iodide chloride fluoride) and (zinc zn) not (mercury hg)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/31 10:04
S59	76	(bulb arc tube lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel) and (calcium ca) with (halide bromide iodide chloride fluoride) and (zinc zn) and (mercury near3 free)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/31 11:34
S60	7	(bulb arc tube lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel) and (calcium ca) with (nano\$1mole nanomole nmole "cm.sup.4" "m.sup.4") and (zinc zn) and (mercury near3 free)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/31 11:35
S61	7	(bulb arc tube lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel) and (calcium ca) with (nano\$1mole nanomole nmole "cm.sup.4" "m.sup.4") and (mercury near3 free)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/31 11:36

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S62	0	(bulb arc tube lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel) and (calcium ca) with (nano\$1mole nanomole nmole) and (mercury near3 free)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/31 11:36
S63	38	(bulb arc tube lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel) and (calcium ca) with (nano\$1mole nanomole nmole)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/31 11:36
S64	4	(bulb arc tube lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel) and (calcium ca) with (nano\$1mole nanomole nmole) with (halide bromide iodide chloride fluoride)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/31 11:38
S65	10	(bulb arc tube lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel) and (calcium ca) with (nano\$1mole nanomole nmole "mu.moles") with (halide bromide iodide chloride fluoride)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/31 11:59
S66	76	(bulb arc tube lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel) and (((calcium ca) with (halide bromide iodide chloride fluoride)) ("Cabr.sub.2" "CaI.sub.2" "CaCl.sub.2" "CaF.sub.2")) with (nano\$1mole nanomole nmole "mu.moles")	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/31 12:08
S67	76	S66 not S59	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/31 12:02
S68	4	(bulb arc tube lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel).ab. and (((calcium ca) with (halide bromide iodide chloride fluoride)) ("Cabr.sub.2" "CaI.sub.2" "CaCl.sub.2" "CaF.sub.2")) with (nano\$1mole nanomole nmole "mu.moles")	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/31 12:11
S69	8	((("6,031,332") or ("6,005,346") or ("4,027,190") or ("5,461,281") or ("5,256,940") or ("4,801,846") or ("4,742,268") or ("4,360,758"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/31 12:11
S70	10	((("6,031,332") or ("6,005,346") or ("4,027,190") or ("5,461,281") or ("5,256,940") or ("4,801,846") or ("4,742,268") or ("4,360,758") or ("4,672,267") or ("4,315,186"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/31 12:12



## EAST Search History

S71	6	((calcium ca) ("Cabr.sub.2" "CaI.sub.2" "CaCl.sub.2" "CaF.sub.2")) and S70	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/31 12:52
S72	0	10/552811	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/31 12:52
S73	0	10/552811	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/31 12:52